

Missouri Water Resources Center

Missouri Rivers and Streams Flood Conditions Report

April 2, 2025

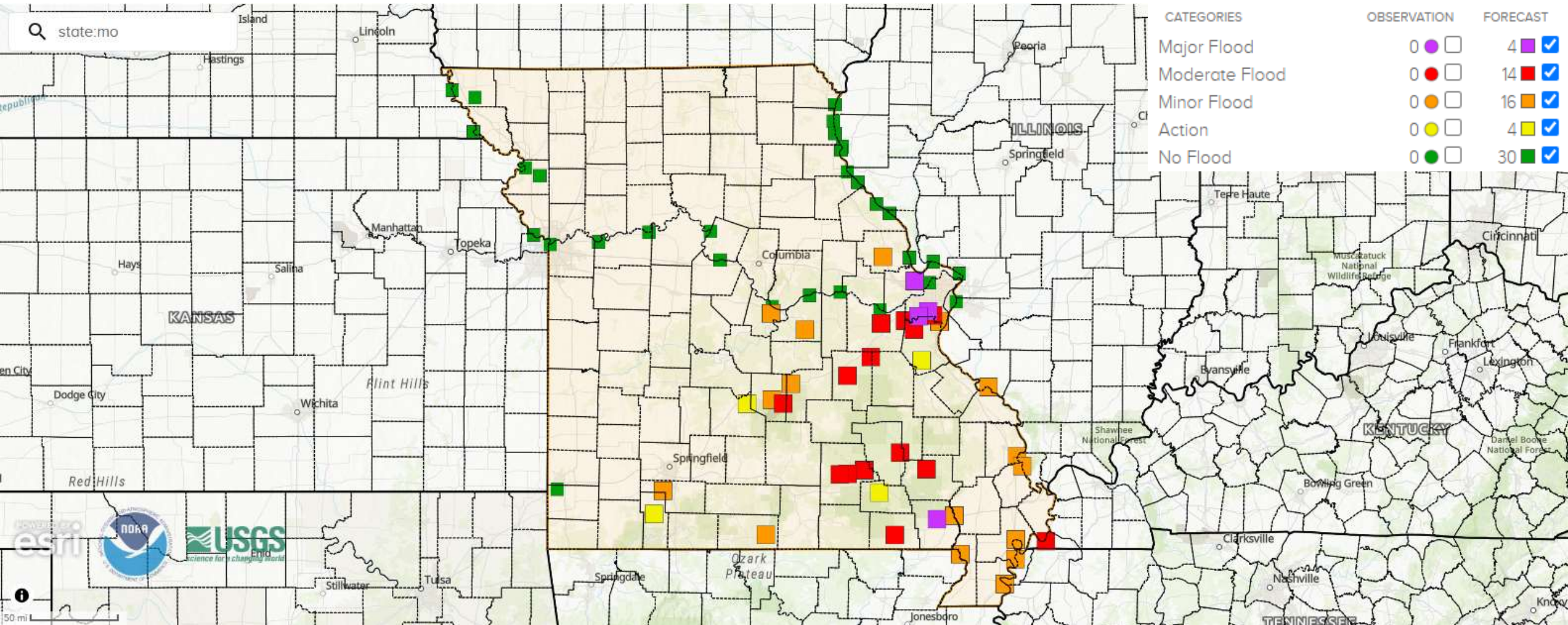
Missouri Rivers and Streams Flooding Status

- Major Flooding is forecast at the following gages:
 - Dardenne Creek at St. Peters
 - Meramec River at Valley Park
 - Meramec River near Eureka
 - Black River at Poplar Bluff
- Moderate Flooding is forecast at the following gages:
 - Meramec River at Fenton
 - Big River at Byrnesville
 - Meramec River near Pacific
 - Bourbeuse River at Union
 - Meramec River near Sullivan
 - Meramec River near Steelville
 - Big Piney at Ft. Wood – East Gate
 - St. Francis River at Patterson
 - Black River near Annapolis
 - Current River above Powder Mill
 - Jacks Fork at Eminence
 - Jacks Fork at Alley Spring
 - Current River at Doniphan
 - Mississippi River at Hickman
- Gage forecasts are currently taking the next 24-48 hours of precipitation amounts expected into account.
- Gage forecasts may change significantly as additional heavy precipitation appears in the forecast range.
- According to the 48-Hour Quantitative Precipitation Forecast, a majority of Missouri will receive 1.25-3.00 inches of precipitation. Areas near the Bootheel could receive up to 5.00 inches.
- The 6-10 and 8-14 Outlooks predict likely below average precipitation for a majority of the state. While this will not aid the current forecast flooding, it will not exacerbate or extend the forecast flooding.

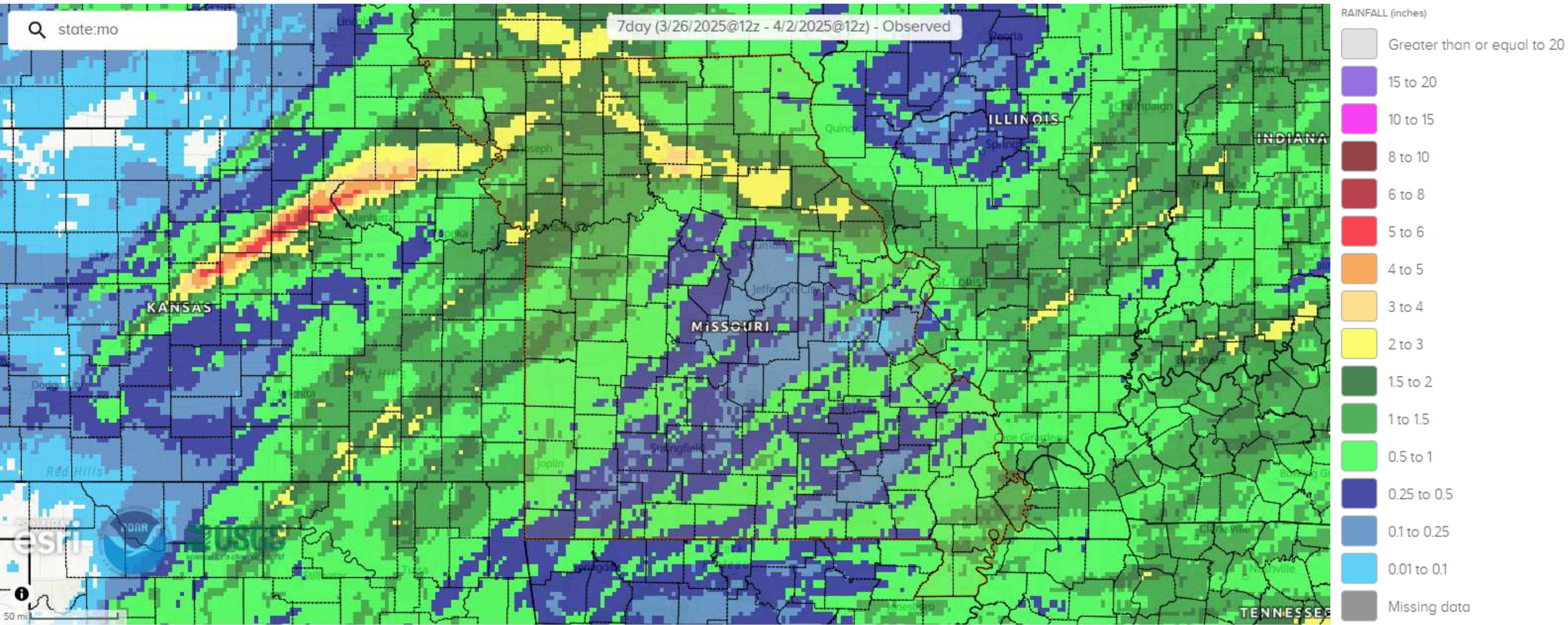
Current River and Stream Conditions



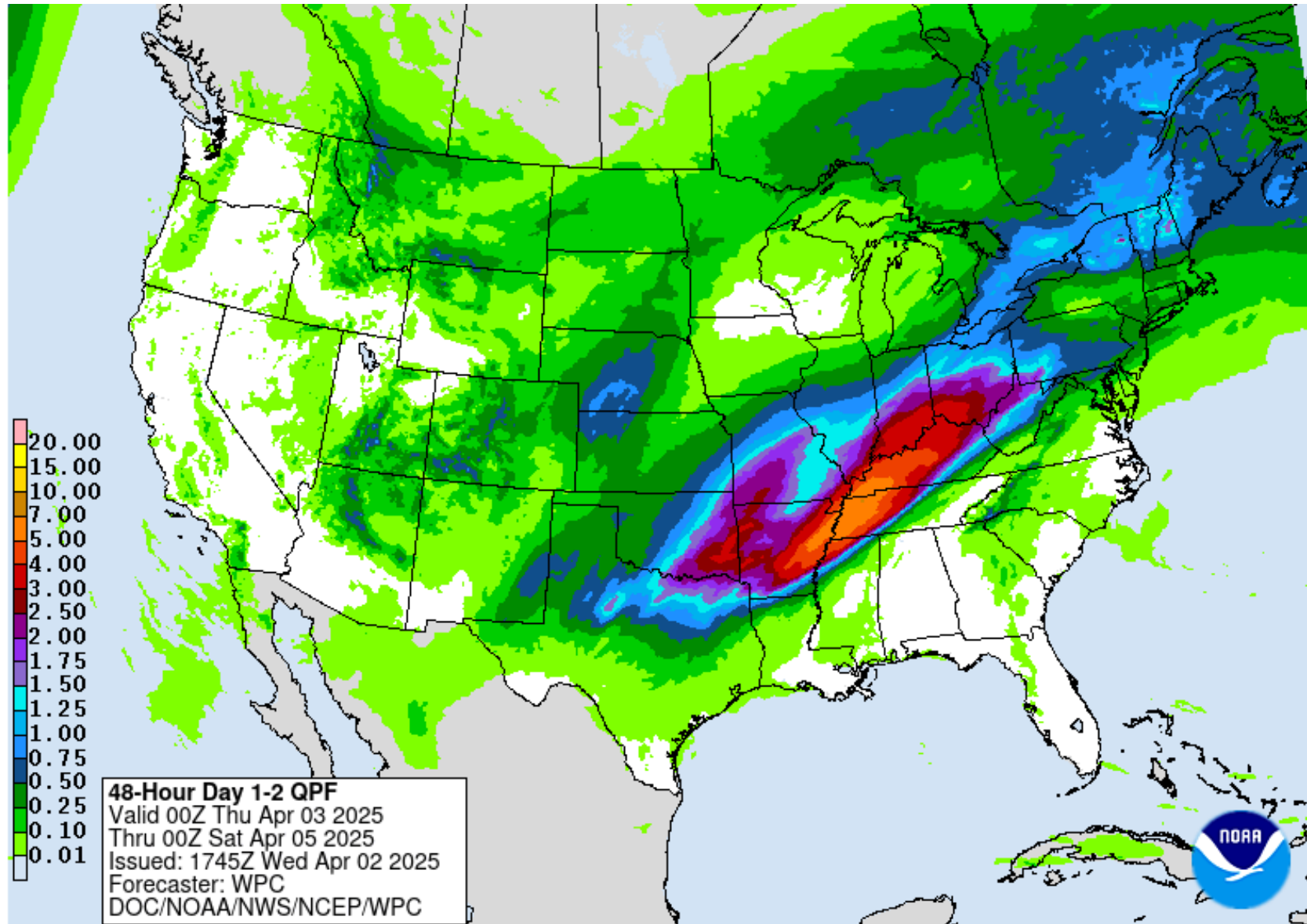
River Forecast Conditions



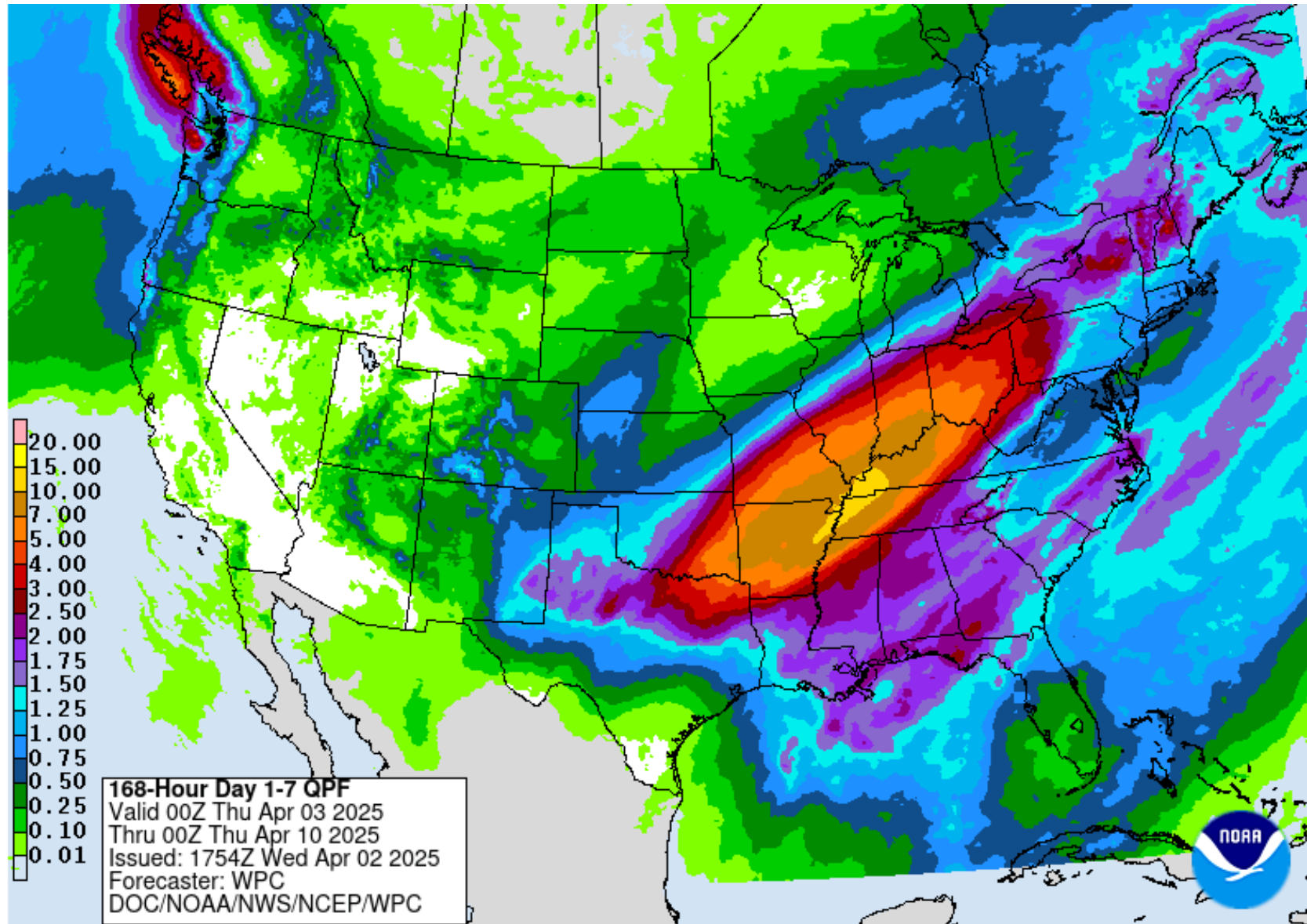
7-Day Observed Precipitation Estimate



2-Day Quantitative Precipitation Forecast



7-Day Quantitative Precipitation Forecast

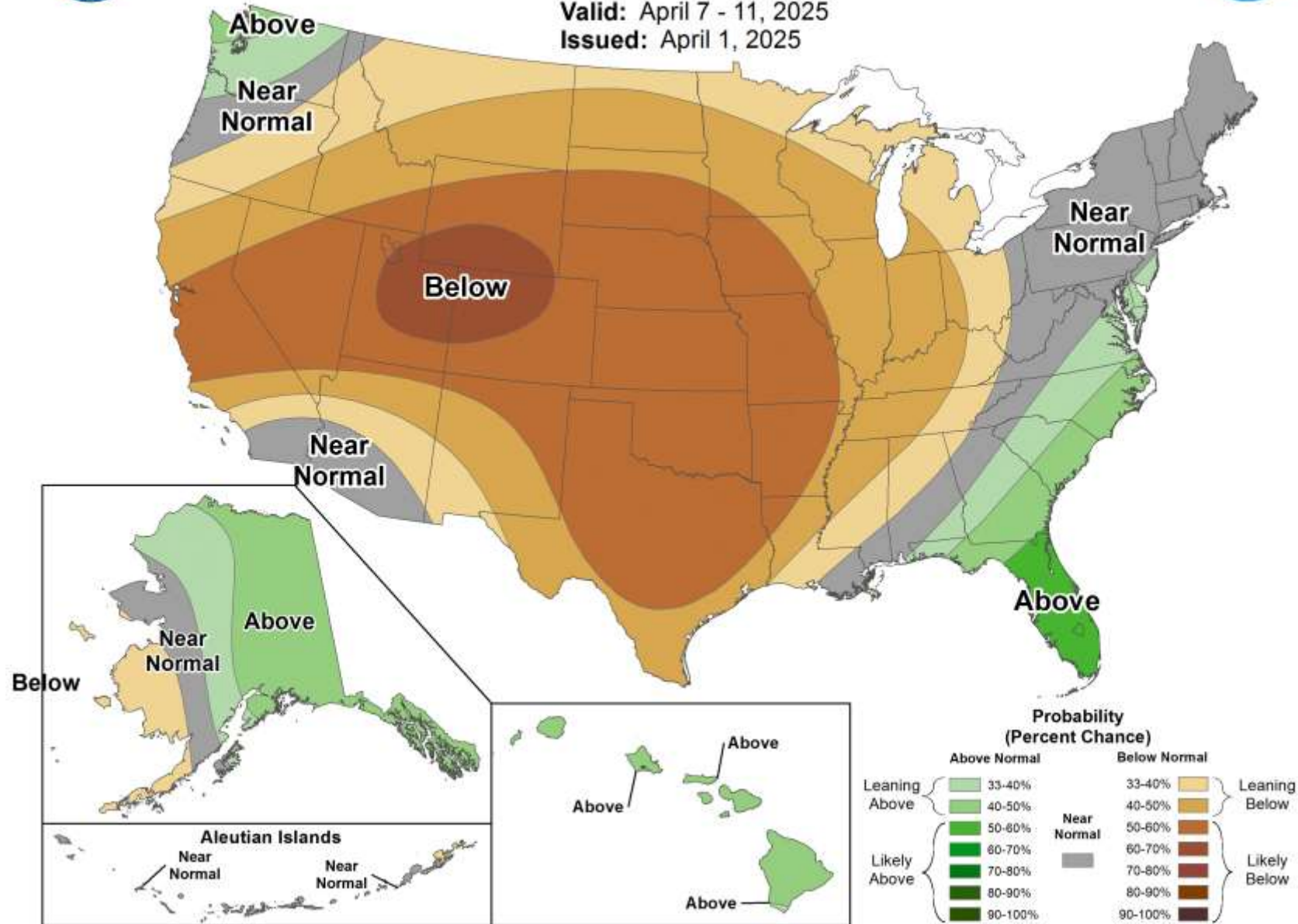


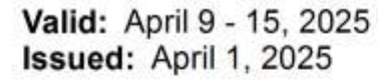


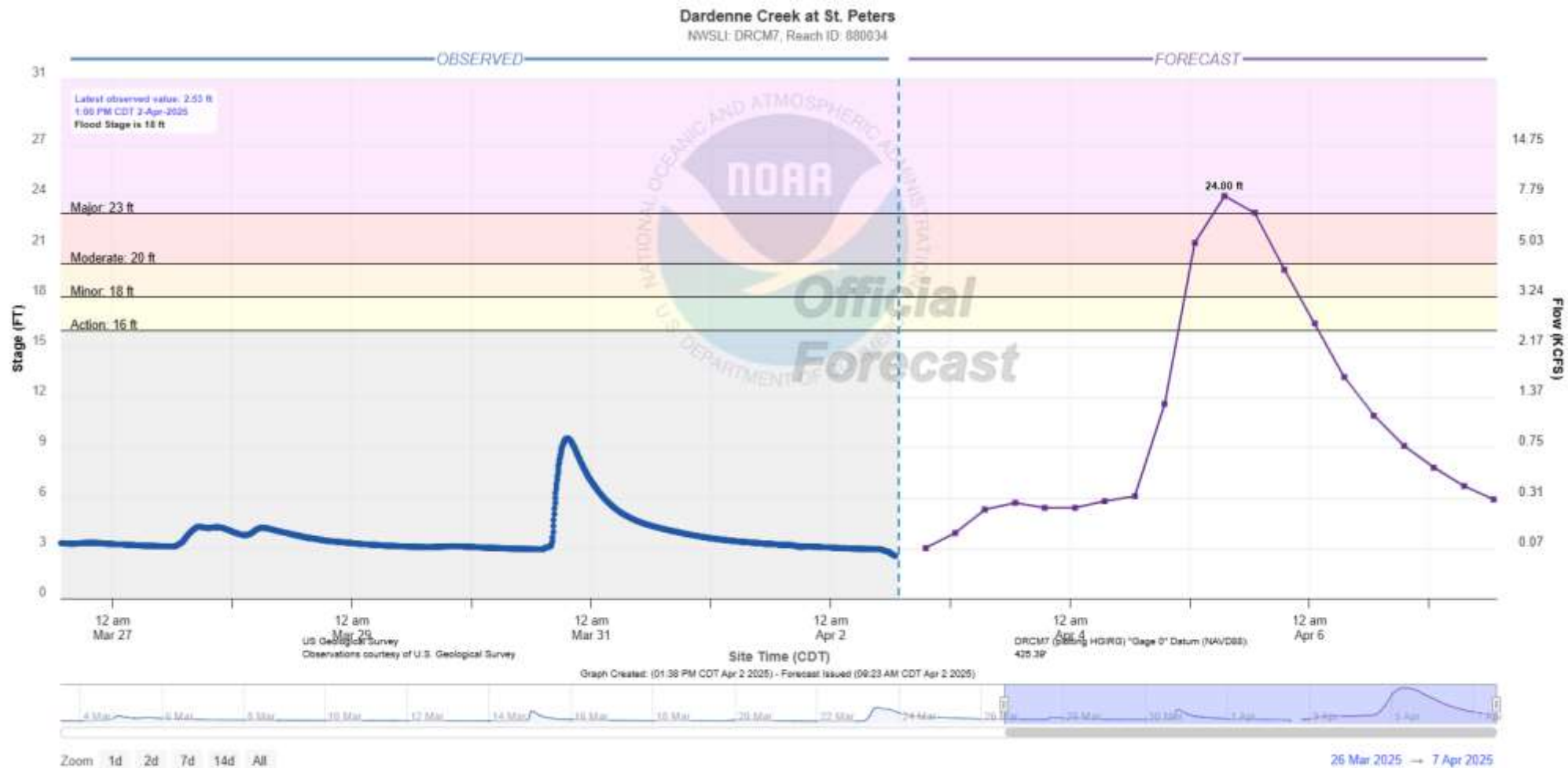
6-10 Day Precipitation Outlook



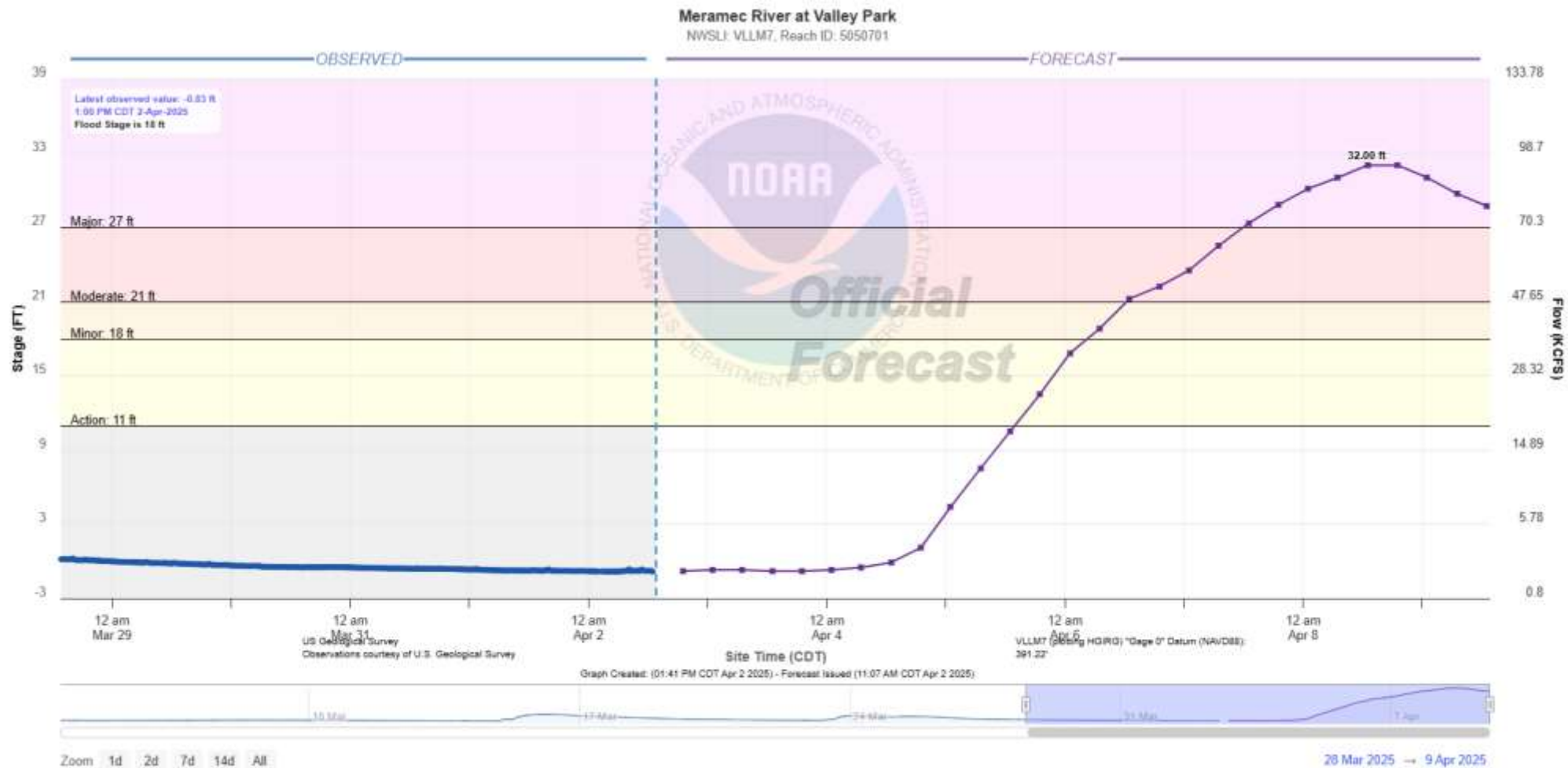
Valid: April 7 - 11, 2025
Issued: April 1, 2025



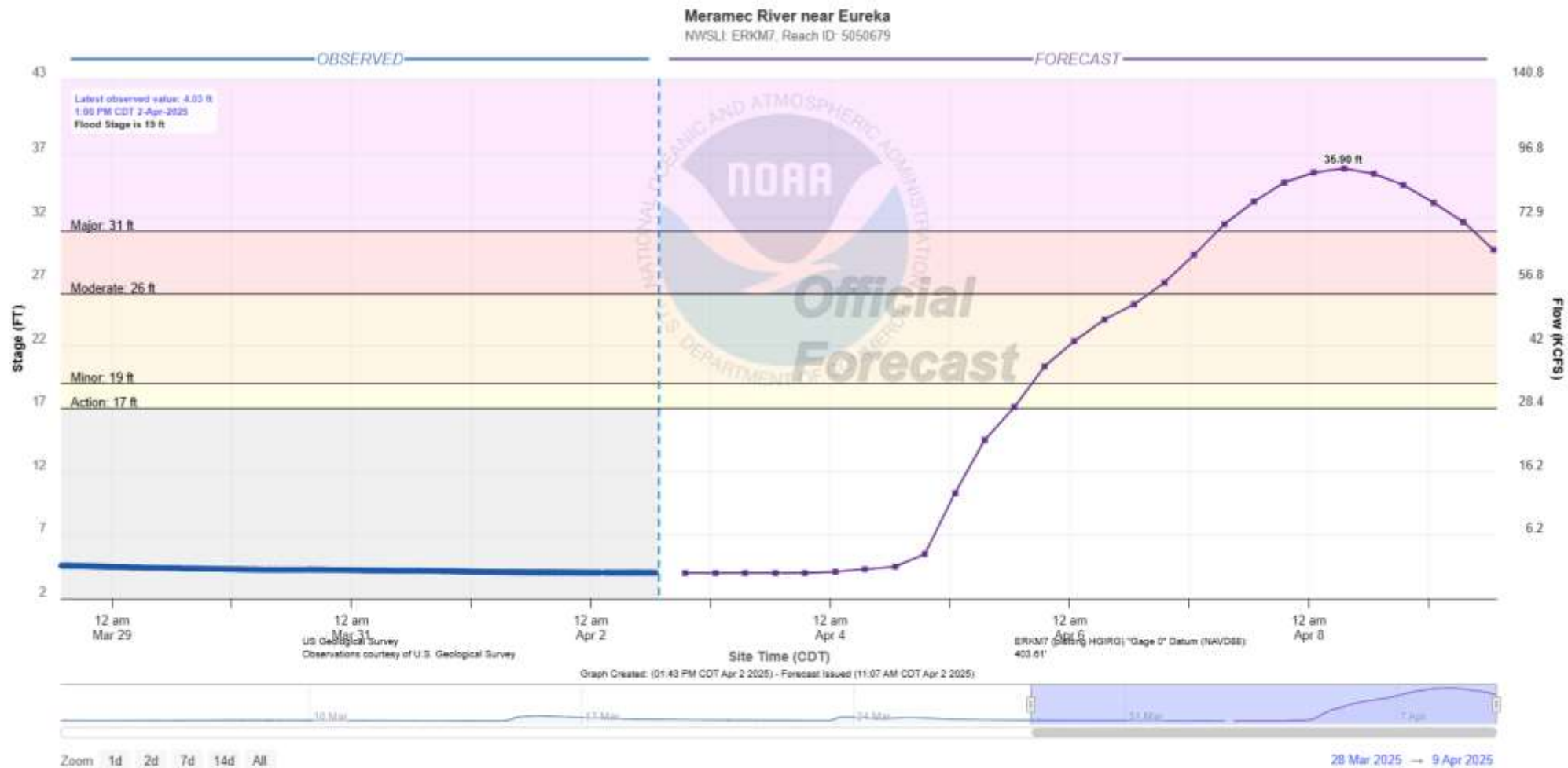




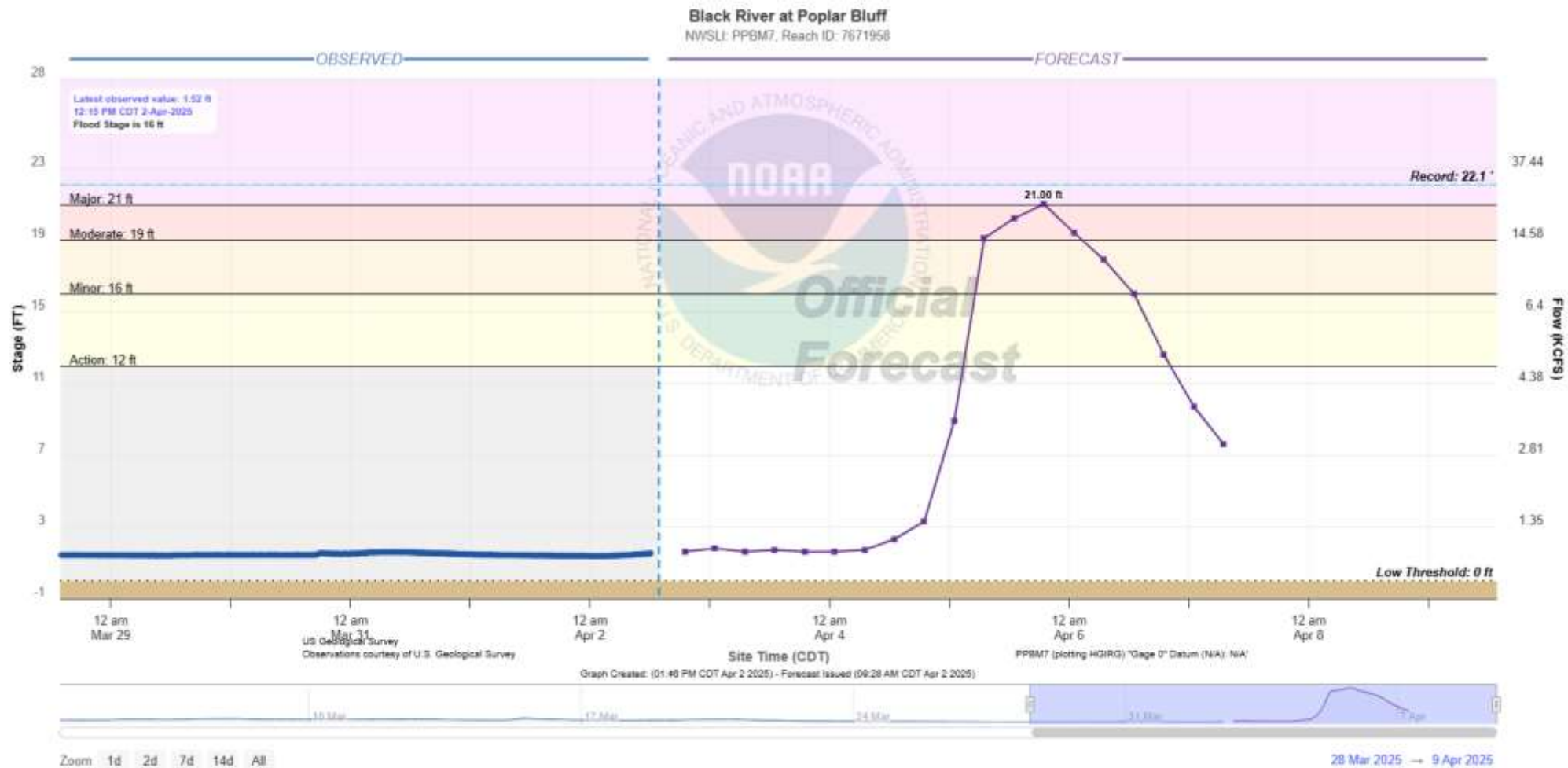
- Dardenne Creek at St. Peters is at 2.53 ft. and expected to crest at 24.00 ft. in Major Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 9:23 am CDT April 2, 2025.
- Major Flood Stage occurs at 23 feet
- USGS Gage Number 05514860
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/DRCM7>



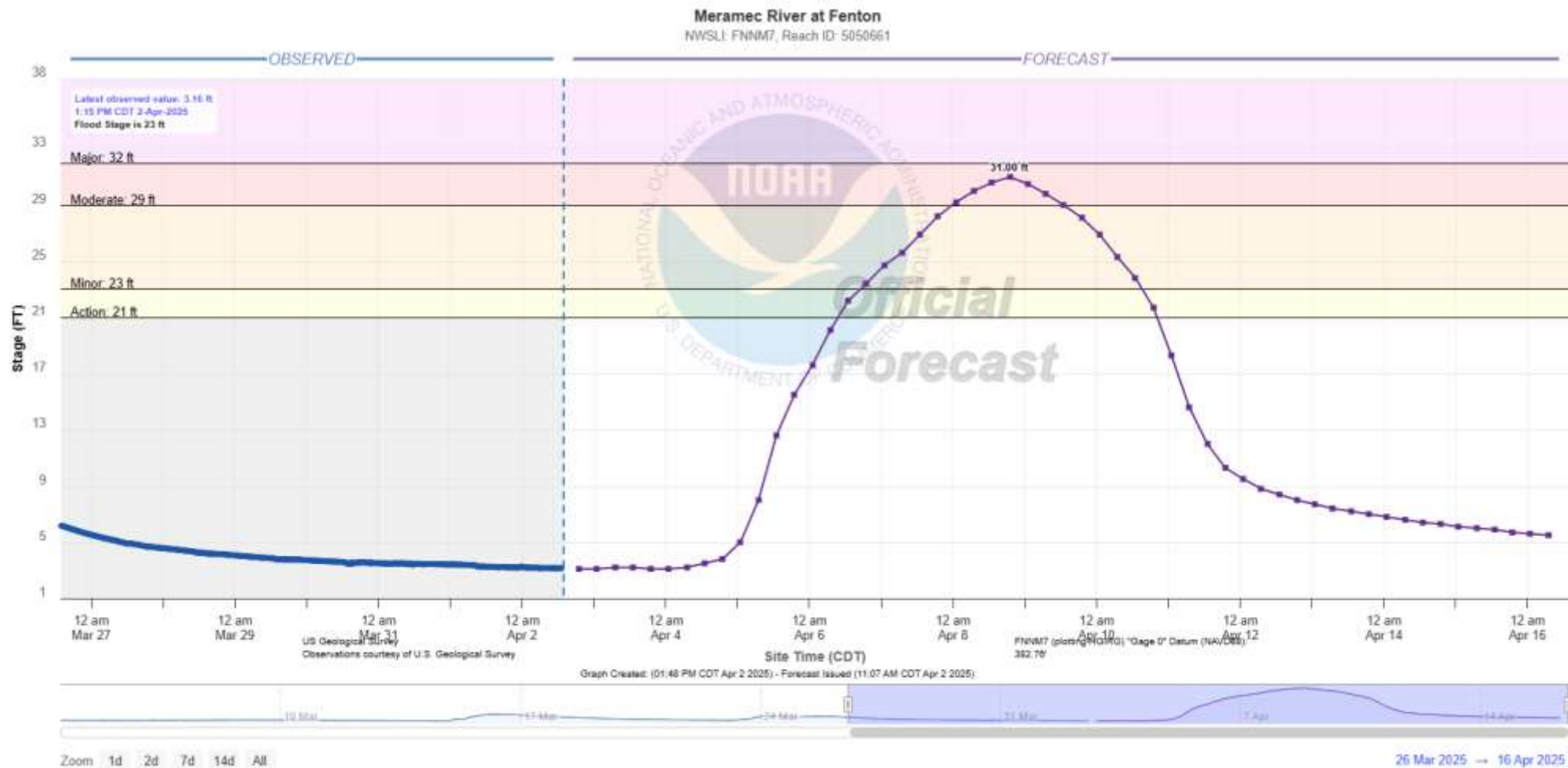
- Meramec River at Valley Park is at -0.83 ft. and expected to crest at 32.00 ft. in Major Flood Stage midday on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Major Flood Stage occurs at 27 feet
- USGS Gage Number 07019130
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/VLLM7>



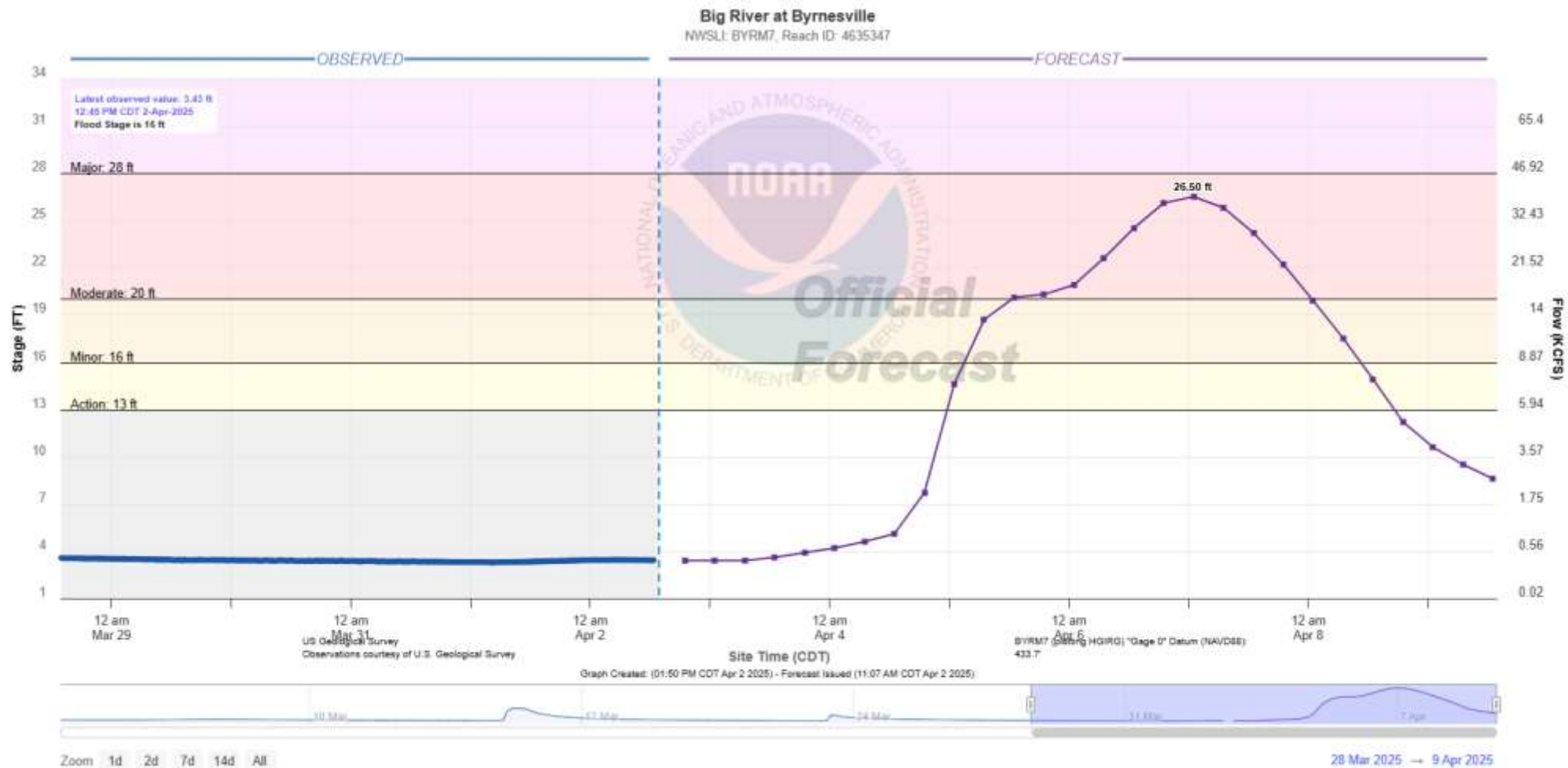
- Meramec River near Eureka is at 4.03 ft. and expected to crest at 35.90 ft. in Major Flood Stage early morning on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Major Flood Stage occurs at 31 feet
- USGS Gage Number 0709000
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/ERKM7>



- Black River at Poplar Bluff is at 1.52 ft. and expected to crest at 21.0 ft. in Major Flood Stage late day on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Major Flood Stage occurs at 21 feet
- USGS Gage Number 07063000
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/PPBM7>



- Meramec River at Fenton is at 3.16 ft. and expected to crest at 31.0 ft. in Moderate Flood Stage late day on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 29 feet
- USGS Gage Number 07019210
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/FNNM7>



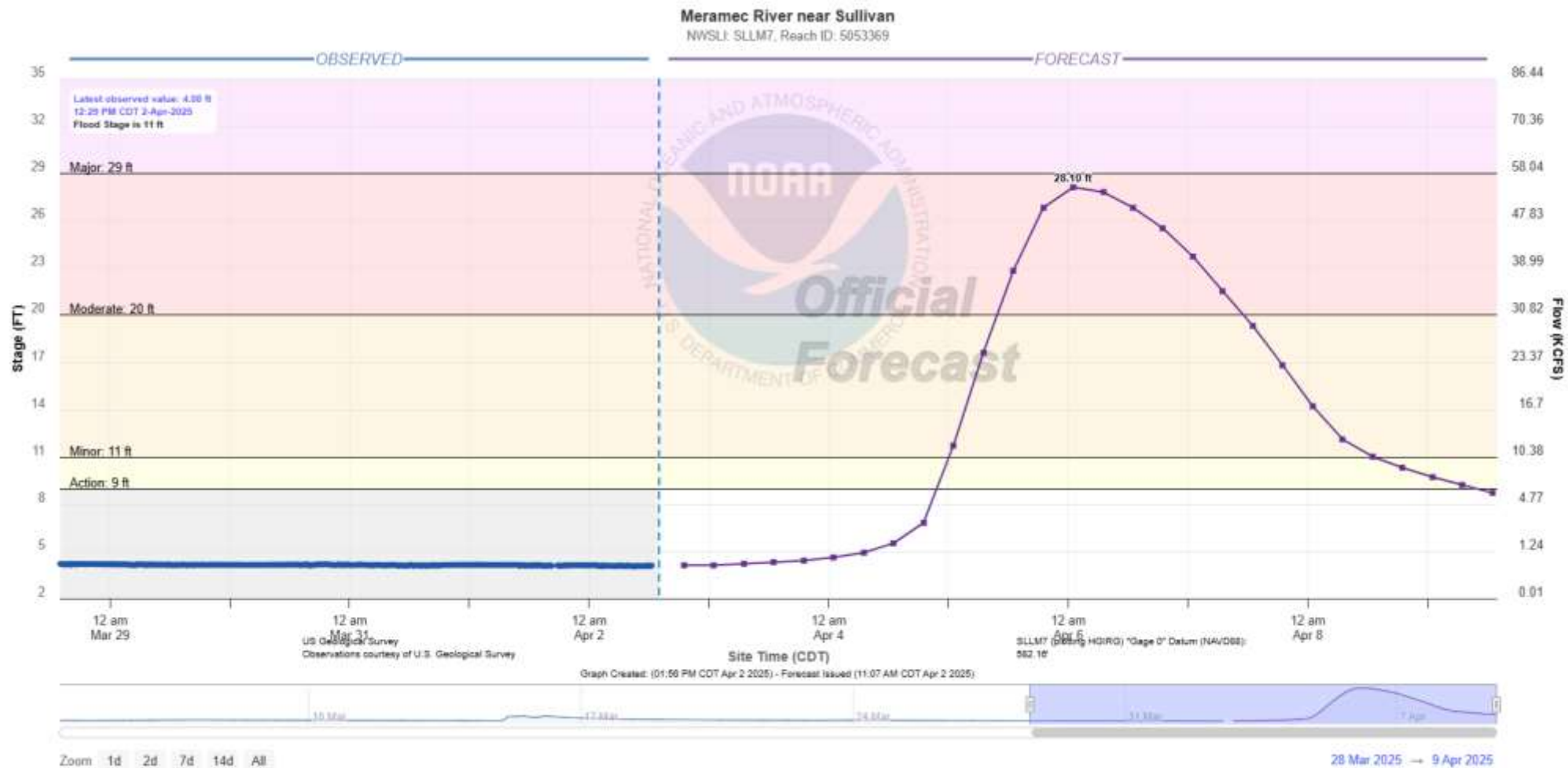
- Big River at Byrnesville is at 3.43 ft. and expected to crest at 26.50 ft. in Moderate Flood Stage early morning on Monday, April 7, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 20 feet
- USGS Gage Number 07018500
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BYRM7>



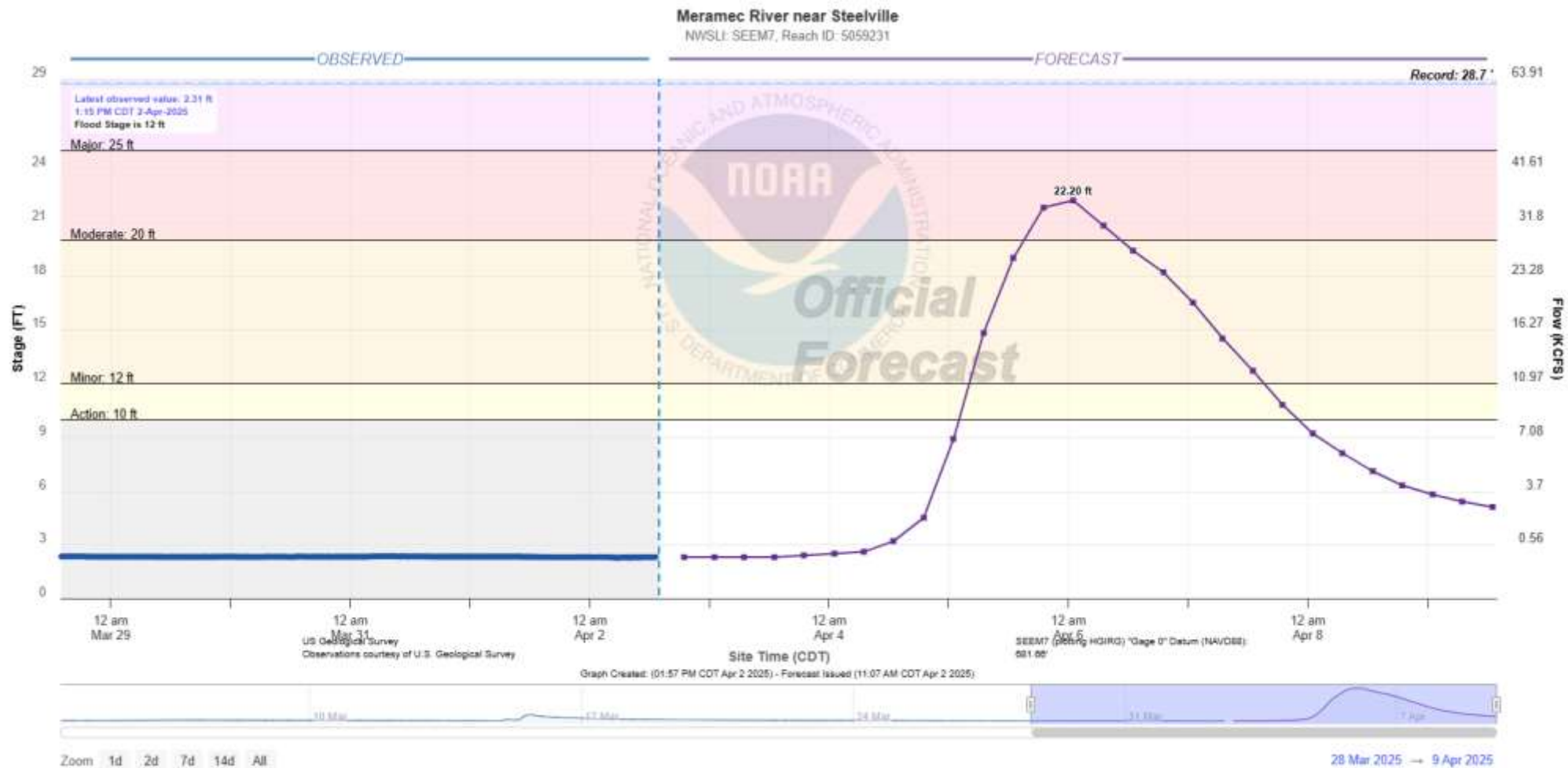
- Meramec River near Pacific is at -0.06 ft. and expected to crest at 26.30 ft. in Moderate Flood Stage early morning on Tuesday, April 8, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 23 feet
- USGS Gage Number 07017020
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/PCFM7>



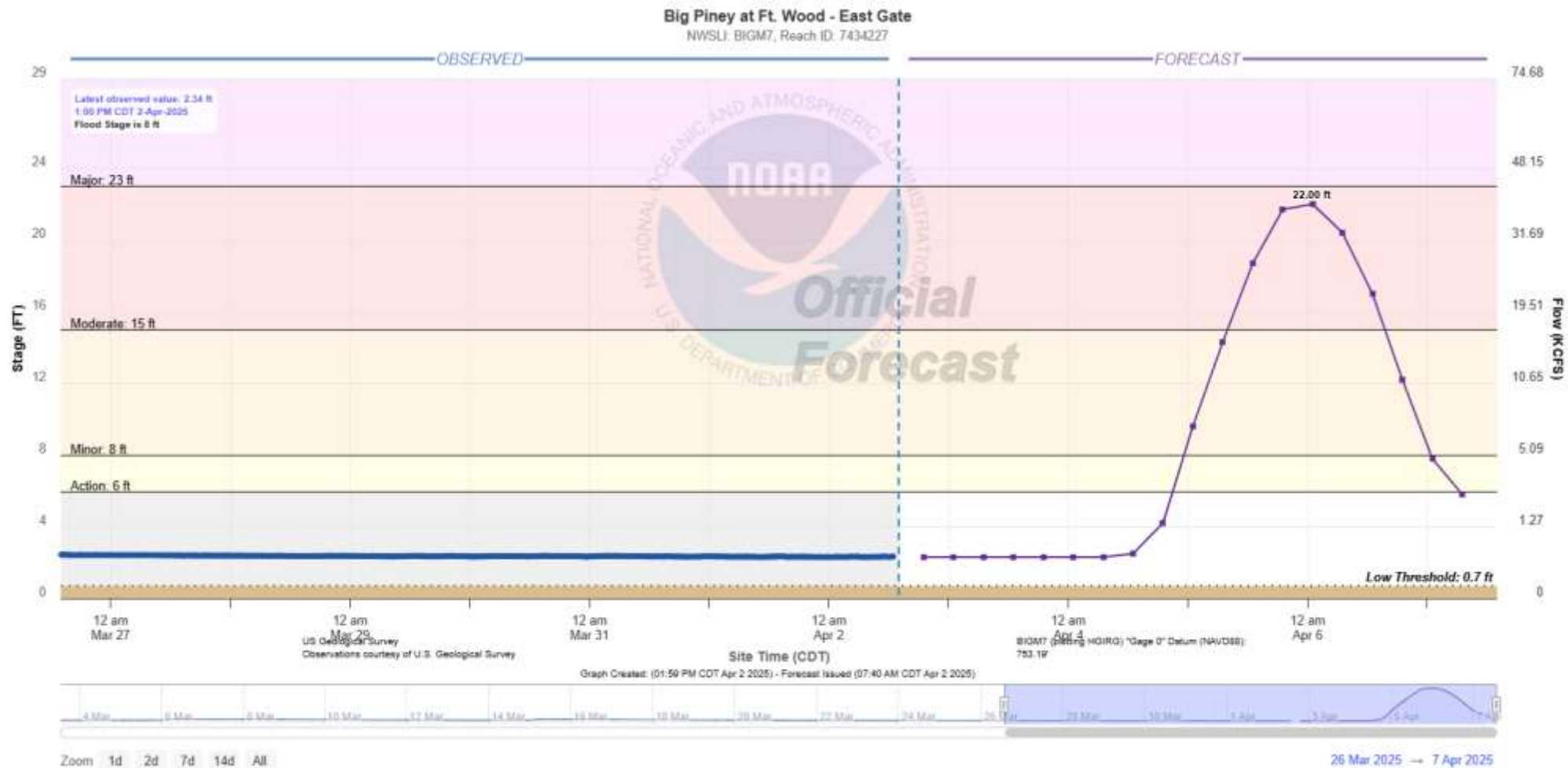
- Bourbeuse River at Union is at 3.51 ft. and expected to crest at 24.30 ft. in Moderate Flood Stage midday on Monday, April 7, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 22 feet
- USGS Gage Number 07016500
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/UNNM7>



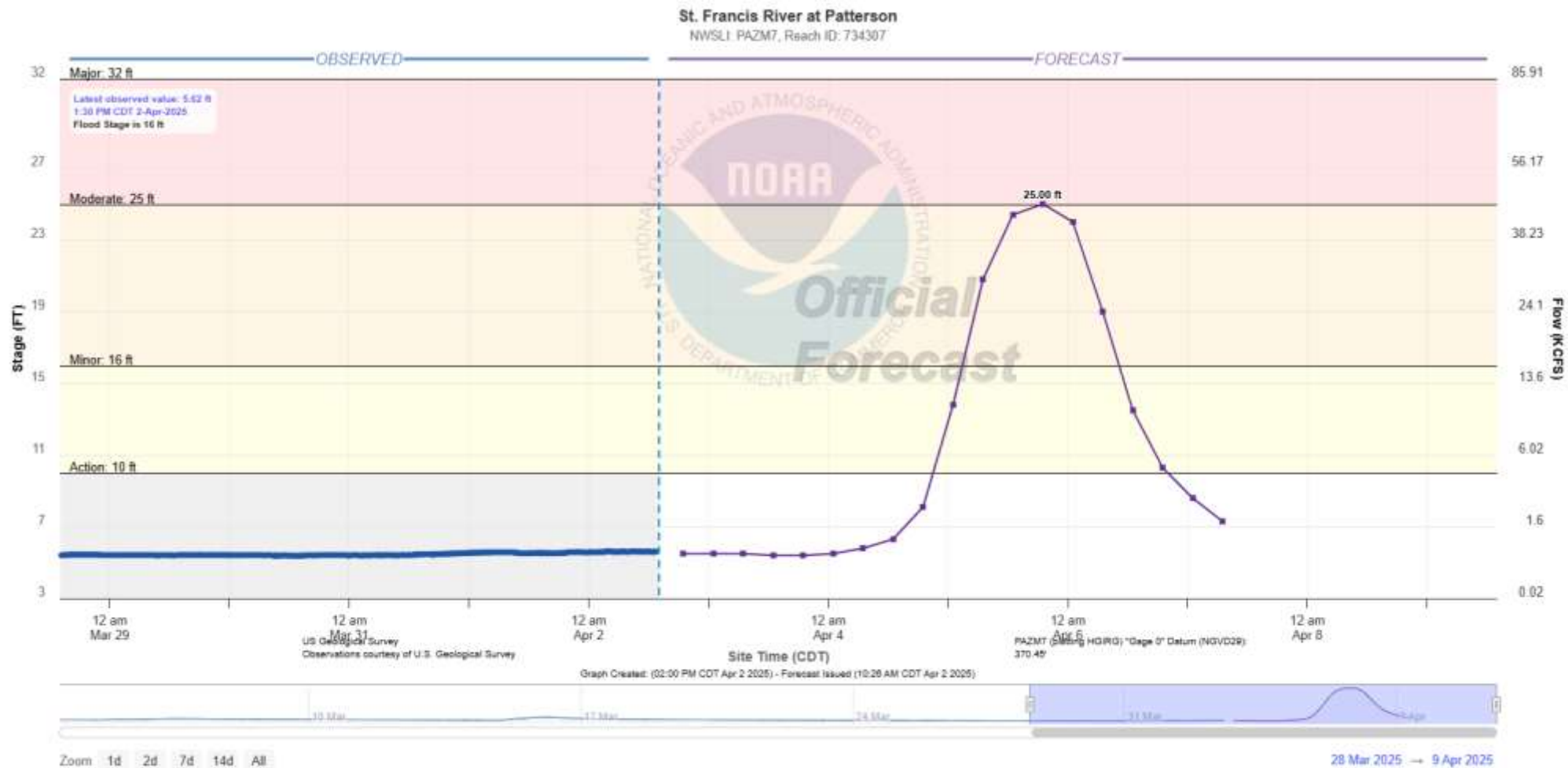
- Meramec River near Sullivan is at 4.08 ft. and expected to crest at 28.10 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 20 feet
- USGS Gage Number 07014500
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/SLLM7>



- Meramec River near Steelville is at 2.31 ft. and expected to crest at 22.20 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 11:07 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 20 feet
- USGS Gage Number 07013000
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/SEEM7>



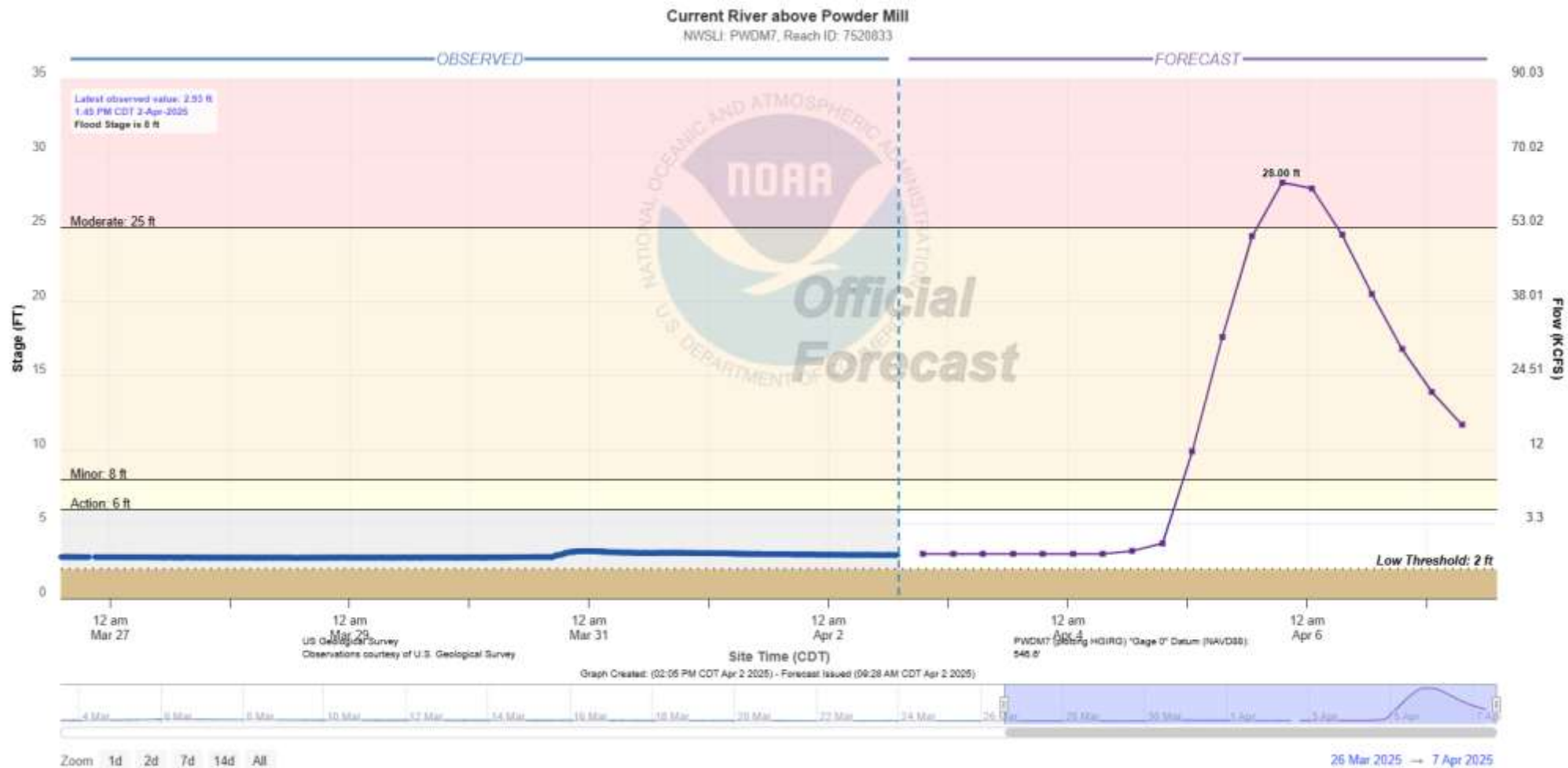
- Big Piney at Ft. Wood – East Gate is at 2.34 ft. and expected to crest at 22.0 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 7:40 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 15 feet
- USGS Gage Number 06930060
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BIGM7>



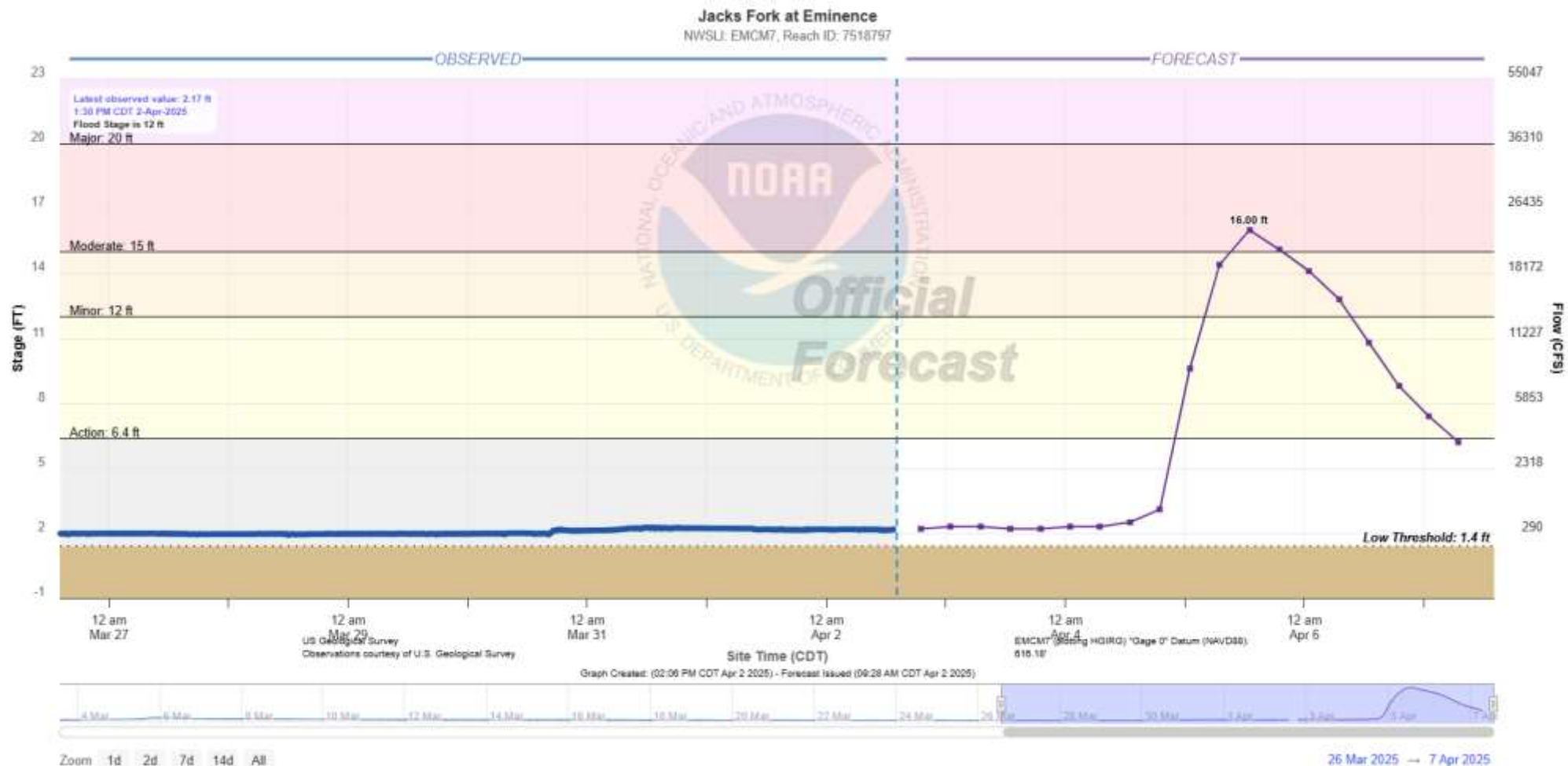
- St. Francis River at Patterson is at 5.62 ft. and expected to crest at 25.0 ft. in Moderate Flood Stage late day on Saturday, April 5, 2025.
- Forecast was issued at 10:26 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 25 feet
- USGS Gage Number 07037500
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/PAZM7>



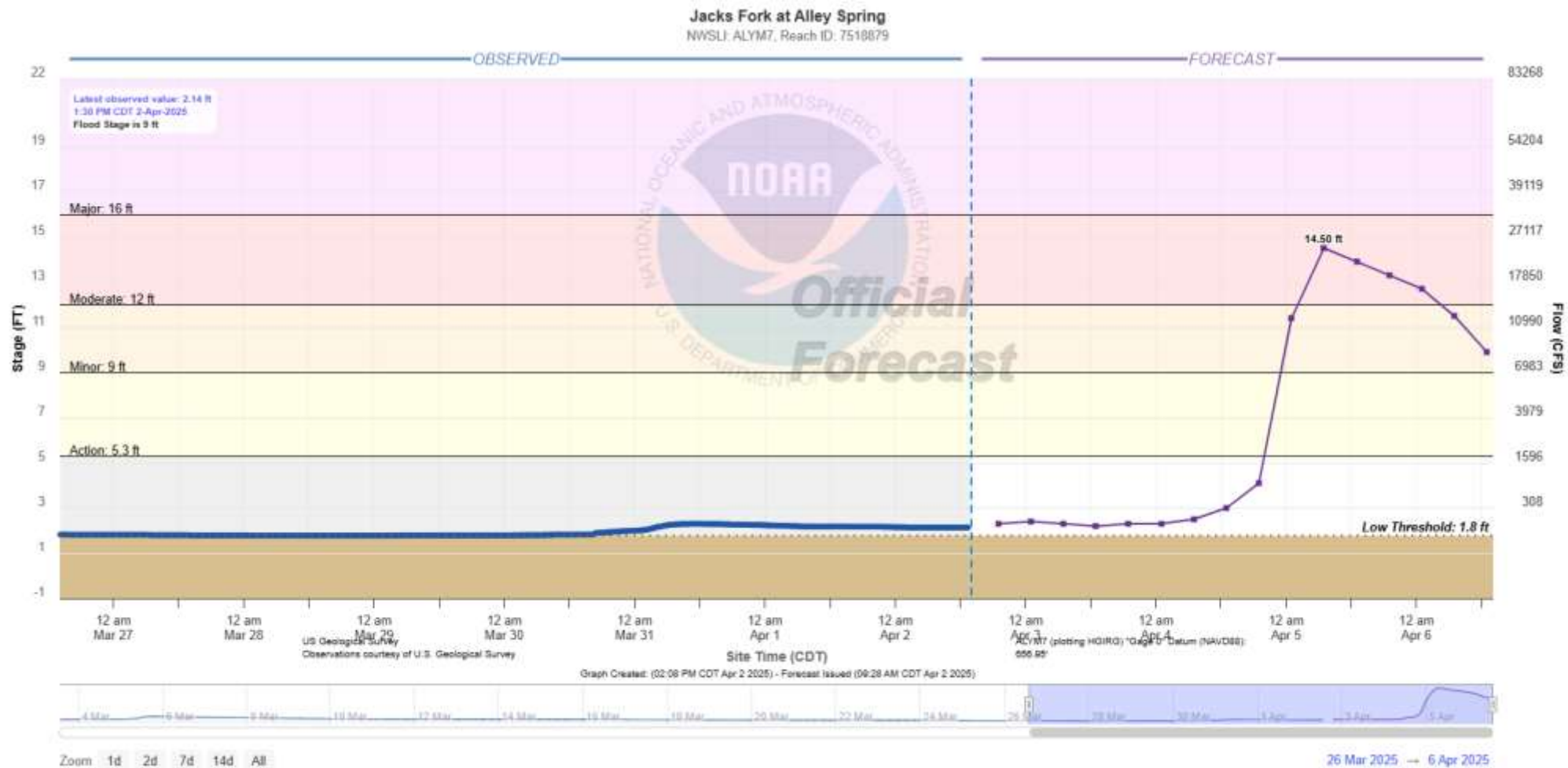
- Black River near Annapolis is at 5.62 ft. and expected to crest at 20.0 ft. in Moderate Flood Stage midday on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 15 feet
- USGS Gage Number 07061500
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/ANNM7>



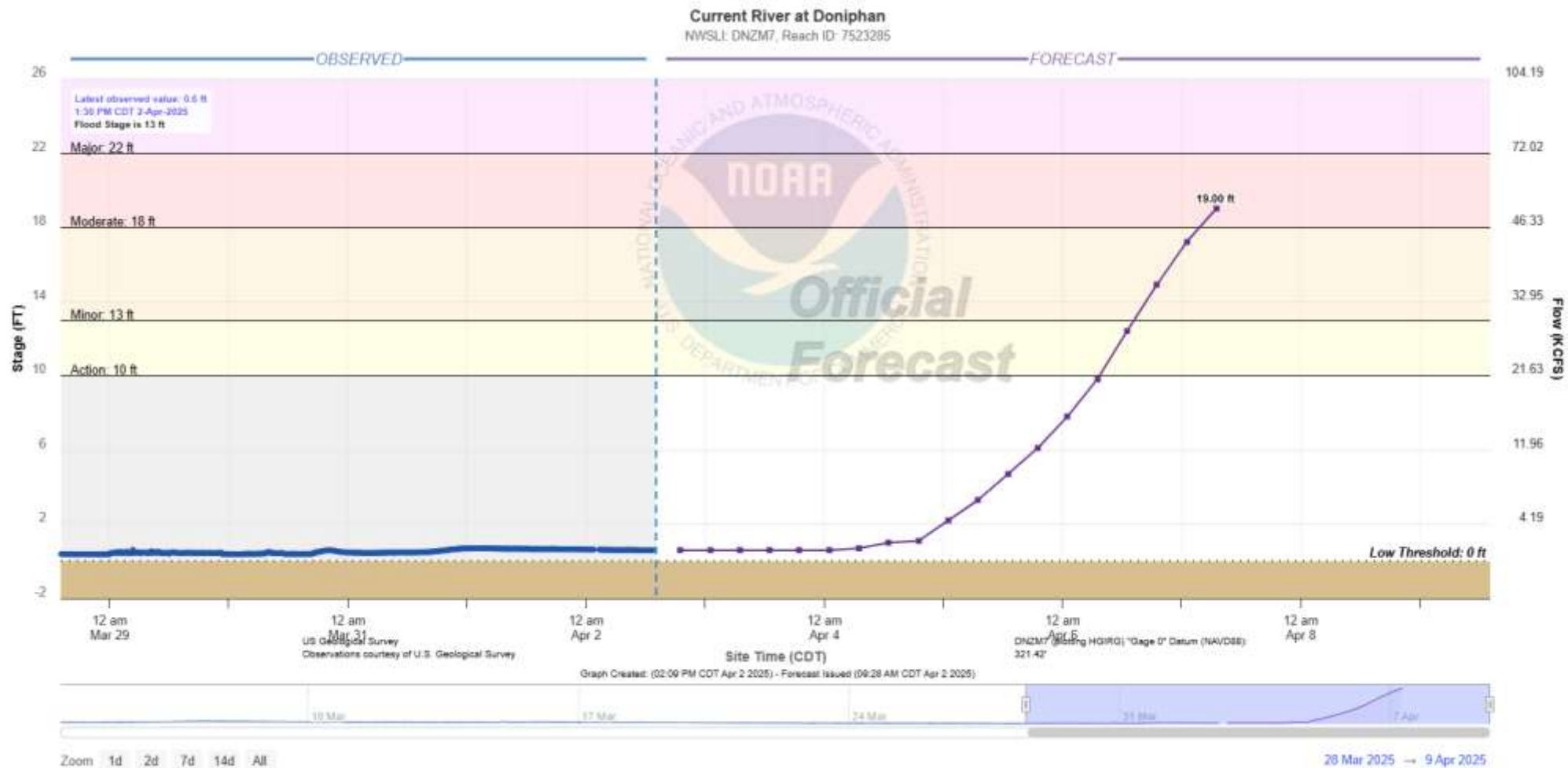
- Current River above Powder Mill is at 2.93 ft. and expected to crest at 28.0 ft. in Moderate Flood Stage late night on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 25 feet
- USGS Gage Number 07066510
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/PWDM7>



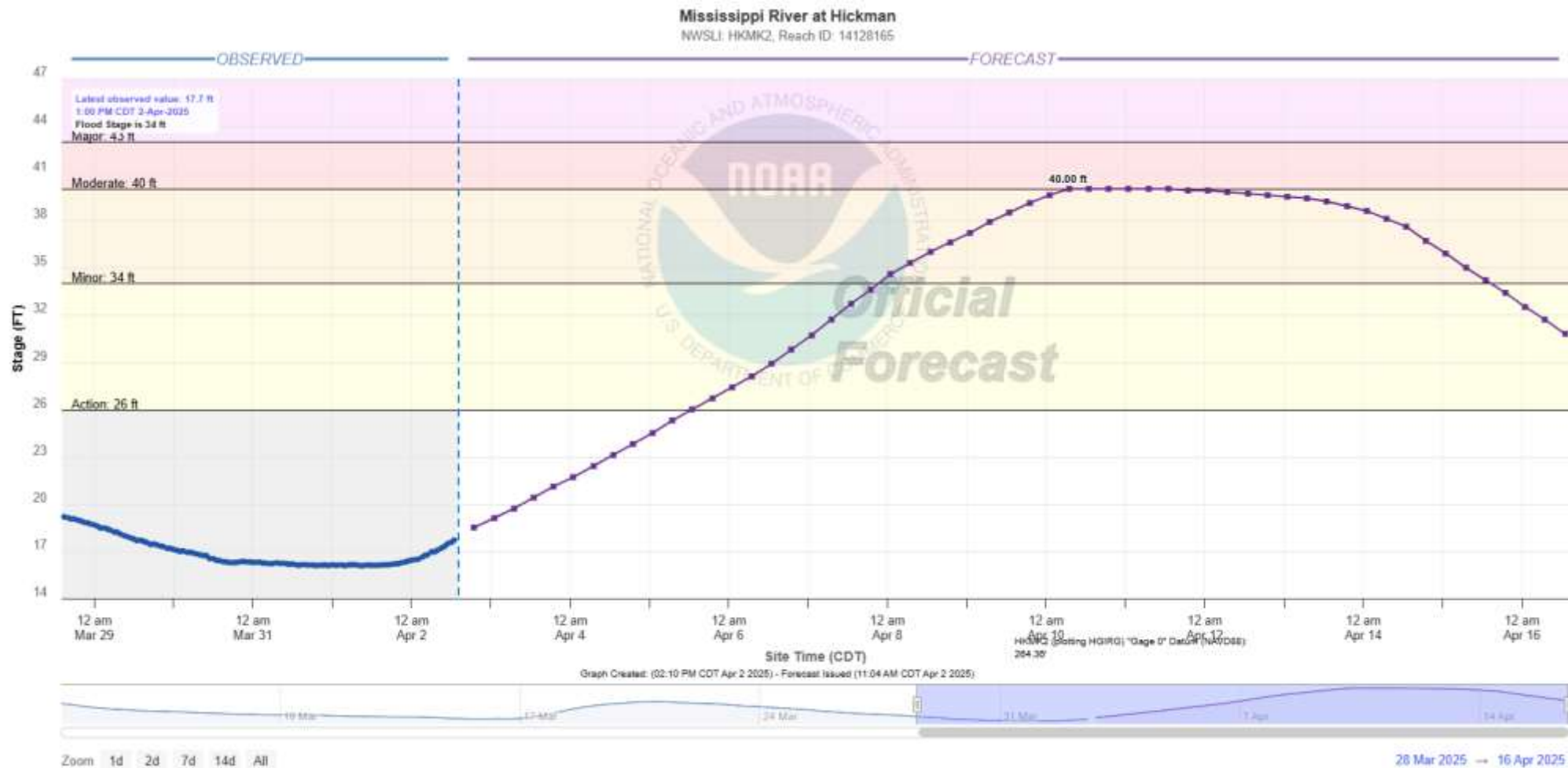
- Current River above Powder Mill is at 2.17 ft. and expected to crest at 16.0 ft. in Moderate Flood Stage midday on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 15 feet
- USGS Gage Number 07066000
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/EMCM7>



- Jacks Fork at Alley Spring is at 2.14 ft. and expected to crest at 14.50 ft. in Moderate Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 12 feet
- USGS Gage Number 07065495
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/ALYM7>



- Current River at Doniphan is at 0.6 ft. and expected to crest at 19.0 ft. in Moderate Flood Stage early morning on Monday, April 7, 2025.
- Forecast was issued at 9:28 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 18 feet
- USGS Gage Number 07068000
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/DNZM7>



- Mississippi River at Hickman is at 17.7 ft. and expected to crest at 40.0 ft. in Moderate Flood Stage early morning on Thursday, April 10, 2025.
- Forecast was issued at 11:04 am CDT April 2, 2025.
- Moderate Flood Stage occurs at 40 feet
- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/HKMK2>

Resources for Further Information

- Department of Natural Resources Flood Page:
<https://dnr.mo.gov/water/how-water/state-water/flooding>
- Missouri Water Resources Center – Missouri River Informational Page:
<https://dnr.mo.gov/water/how-water/state-water/surface-water/interstate-waters>
- National Water Prediction Service Flood Inundation Map:
[Flood.Inundation.Map.Service](https://www.waterprediction.org/flood-inundation-map)

References

- Climate Prediction Center: <https://www.cpc.ncep.noaa.gov/>
- National Water Prediction Service: [National Water Prediction Service](#)
- Weather Prediction Center: <https://www.wpc.ncep.noaa.gov/#>